

## NOMENCLATORIAL NOTES ON THE GENUS PEPSIS

(Hymenoptera: Pompilidae)

BY PAUL D. HURD, JR.

*University of California, Berkeley*

During a recent study of the names applied to the genus *Pepsis* Fabricius, 1805 (1804):207, several instances of names requiring nomenclatorial changes were detected. In order to facilitate the citation of these names in a forthcoming paper this opportunity is taken to effect the necessary changes.

Included herein are three cases involving primary homonymy, one of secondary coexistent homonymy, and one of species misinterpretation.

*Pepsis accipitrinus* Hurd, *nom. nov.*

*Pepsis accipitrinus* Hurd, *nomen novum pro Pepsis fuscipennis* Smith, 1873:50, ♀, *nec Pepsis fuscipennis* Fabricius, 1805 (1804):210.

*Pepsis atricoma* Hurd, *nom. nov.*

*Pepsis atricoma* Hurd, *nomen novum pro Pepsis fusca* Lucas, 1895:788, ♀, plate 33, figure 181, *nec Pepsis fusca* (Christ), 1791:256.

On page 788 of his monograph Lucas described a "variety" of *nessus* Lucas, 1895:787, as *fuscata* and indicated by reference to page 711 and also on page 811 its affinities with *Pepsis guatemalensis* Cameron, 1893:216. Brèthes, 1914:255, in his "Tableau Dichotomique des Pepsis" has accorded *fuscata* of Lucas full specific rank which places it in homonymy with *Pepsis fusca* (Christ), 1791:256 which has been shown to be a member of the genus *Pepsis* by Kohl [*in litt.*] to Dalla Torre, 1897:254.

*Pepsis linsleyi* Hurd, *nom. nov.*

*Pepsis linsleyi* Hurd, *nomen novum pro Pepsis bonariensis* Lucas, 1895:754, 755, 760-762, ♂ ♀, plate 31, figure 81, plate 32, figure 112, plate 33, figures 205, 215, *nec Pepsis bonariensis* Lepeletier, 1845:476, ♀.

Lucas, under the impression that he had the Lepeletier species, treated a species from Costa Rica and Mexico (Orizaba) as

*Pepsis bonariensis* Lepeletier. However, Brèthes, 1914:322-333, 356, has shown that *Pepsis bonariensis* Lepeletier [from "Buenos-Ayres"] is not a member of the genus *Pepsis*, and is referred by him to the genus *Salius*. Therefore *Pepsis bonariensis* of Lucas is left without a name and is named *Pepsis linsleyi* in honor of Professor E. Gorton Linsley of the University of California who has been of invaluable assistance in the writer's studies on the genus *Pepsis*.

*Pepsis palliata* Hurd, *nom. nov.*

*Pepsis palliata* Hurd, *nomen novum pro Pepsis obscura* Lepeletier, 1845:490, ♂ ♀, *nec Pepsis obscura Fabricius*, 1805 (1804):213.

*Pepsis somatochlora* Hurd, *nom. nov.*

*Pepsis somatochlora* Hurd, *nomen novum pro Pepsis apicalis* Lepeletier, 1845:472, ♀, *nec Pepsis apicalis* Gray, 1832:516. ♂.

LITERATURE CITED

BRETHES, JEAN

1914. Contribution à l'étude des *Pepsis*. Ann. Mus. Nac. Hist. Nat. Buenos Aires, 26:235-360, plates IX-XI.

CAMERON, PETER

1888-1900. Biologia Centrali-Americana. Insecta. Hymen (Fossiores), 2:215-222, plate 12. (*Pepsis*).

CHRIST, J. L.

1791. Naturgeschichte, klassifikation und nomenclatur der insekten vom Bienen-, Wespen-, und Ameisengeschlecht. Frankfurt am Main. p. 256.

DALLA TORRE, C. G. DE

1897. Catalogus Hymenopterorum, 8:246-265. (*Pepsis*).

FABRICIUS, J. CHR.

1805 (1804). Systema Piezatorum, Brunsvigae, pp. 207-216. (*Pepsis*).

GRAY, G. R. [*in* Cuvier, Le Baron]

1832. The animal kingdom arranged in conformity with its organization, the class Insecta arranged by Baron Cuvier with supplementary additions to each order [by Edward Griffith and others]. London. vol. 15, Insecta, 2:796pp.

LEPELETIER DE SAINT-FARGEAU, M. LE COMPTE AMEDEV

1845. Histoire naturelle des insectes. Hyménoptères. Suite à Buffon. 3:470-492. (*Pepsis*).

LUCAS, ROBERT

1895. Die Pompiliden-Gattung *Pepsis*. Berlin. entom. Zeitschr., 39:449-831, 1 frontispiece, plates XXII-XXXIII.

SMITH, FREDERICK

1873. Descriptions of new species of fossorial Hymenoptera in the collection of the British Museum. Ann. Mag. Nat. Hist., ser. 4, 12:49-59.